

May 20, 2015

Ms. Laine Sumner CH2M HILL Plateau Remediation Company 2420 Stevens Center Richland, WA 99352

Re: ALS Workorder: 1503381

Project Name: 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water

Project Number: F11-002

Dear Mr. Evans:

Three water samples were received from CH2M HILL Plateau Remediation Company, on 3/19/2015. The samples were scheduled for the following analyses:

Metals		

The results for these analyses are contained in the enclosed reports.

This report was originally submitted on 3/31/2015. It is being re-submitted with new forms that list the correct method and correct MDL.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental

Julie Ellingson Project Manager

ADDRESS 225 Commerce Drive, Fort Collins, Colorado, USA 80524 | PHONE +1 970 490 1511 | FAX +1 970 490 1522

ALS GROUP USA, CORP. Part of the ALS Laboratory Group An ALS Limited Company



Problem and Discrepancy Report ALS SDG ALS1503381

05/05/15

The data package has the following issues:

ALS1503381 lists the method to measure chromium on this environmental sample as NIOSH7300.

The MDL/DL for chromium is reported as 7.4 ug/L

Resolution: *Provide correction.*

Lab Response: A revised report that lists the correct method and correct MDL is submitted.

The EDD was submitted with the correct information.

Please correct the issues and re-submit the hard copy and electronic data package.

ALS is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Laborate	ory Certifications
Accreditation Body	License or Certification Number
Alaska (AK)	UST-086
Alaska (AK)	CO01099
Arizona (AZ)	AZ0742
California (CA)	06251CA
Colorado (CO)	CO01099
Connecticut (CT)	PH-0232
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
L-A-B (DoD ELAP/ISO 170250)	L2257
Maryland (MD)	285
Missouri	175
Nebraska	NE-OS-24-13
Nevada (NV)	CO000782008A
New Jersey (NJ)	CO003
North Dakota (ND)	R-057
Oklahoma	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	2976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington	C1280

ALS Environmental -- FC

Sample Number(s) Cross-Reference Table

OrderNum: 1503381

Client Name: CH2M HILL Plateau Remediation Company

Client Project Name: 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water

Client Project Number: F11-002 Client PO Number: BOA 54854

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
B30C74	1503381-1		WATER	17-Mar-15	12:48
B30C72	1503381-2		WATER	17-Mar-15	12:15
B30C70	1503381-3		WATER	17-Mar-15	12:42

May 11, 2015 DATA TURNAROUND ORIGINAL 30 Days / 30 Days OF 1 PAGE 1 METHOD OF SHIPMENT FEDERAL EXPRESS AIR QUALITY F11-002-101 PRICE CODE BILL OF LADING/AIR BILL NO. PROJECT COORDINATOR 1503381 SUMNER, LC **SAF NO.** F11-002 302891 SOA CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST **ACTUAL SAMPLE DEPTH** TELEPHONE NO. 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water 376-3922 6020_METALS_ ICPMS: COMMON {Chromium}; HNO3 to pH <2 6 Months 500mL G/P HUF.N SDG 69 SAMPLE DATE SAMPLE TIME NO. OF CONTAINER(S) TYPE OF CONTAINER SAMPLE ANALYSIS DFFSITE PROPERTY NO. **PRESERVATION** PROJECT DESIGNATION HOLDING TIME VOLUME FIELD LOGBOOK NO. COMPANY CONTACT MAR 1 7 7015 SUMNER, LC POSSIBLE SAMPLE HAZARDS/ REMARKS Goods Regulations but are not releasable per SPECIAL HANDLING AND/OR STORAGE concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous CH2MHill Plateau Remediation Company **MATRIX*** *Contains Radioactive Material at 100-KR-4, EFF VAL T-K5 (FILTER VENT)-001 WATER S.W. King CHPRC SHIPPED TO **ALS Environmental Ft. Collins** DOE Order 458.1 SAMPLING LOCATION SAMPLE NO. (A) (A) (A) ICE CHEST NO. MATRIX*
A=Air
DL=Brum
Liquids
Solids
DS=Drum
Solids
DS=Drum
Solids
C=Oil
C=Oil
SE-Sodiment
T=Tssue
V=Vegetation
WI=Wite
X=Other COLLECTOR B30C74

A-6003-618 (REV 2) 3-19-15 DATE/TIME 018 TRUE 15-SPECIAL INSTRUCTIONS TRVL-15-018 DISPOSED BY SCGL J-35-15 UP 07 DATE/TIME MAR 1 7 2015 /4/5 DATE/TIME MAR 1 # MITTE CS 15 DATE/TIME DATE/TIME FEDE SYSTORED IN JUNE - Trimble RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN SIGN/ PRINT NAMES RECHADIBLE BY REMOVED FROM DATE/TIME DATE/TIME DATE/TIME DATE/TIMÉ MAR 18 2015/11/11 DISPOSAL METHOD RECEIVED BY REUTHQUISHED BY/REMOVED FROM RELINQUISHED BY/REMOVED FROM RELINQUISHED BY/REMOVED FROM **CHAIN OF POSSESSION** FINAL SAMPLE LABORATORY SECTION

Rev.

PRINTED ON 3/17/2015

May 11, 2015 ORIGINAL DATA TURNAROUND 30 Days / 30 Days 9F 1 PAGE 1 METHOD OF SHIPMENT FEDERAL EXPRESS AIR QUALITY F11-002-099 PRICE CODE 1865031 PROJECT COORDINATOR SUMNER, LC F11-002 SAF NO. 302891 60 00 CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST **ACTUAL SAMPLE DEPTH** TELEPHONE NO. 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water 376-3922 6020_METALS_ ICPMS: COMMON (Chromium); HNO3 to pH <2 6 Months g/P SAMPLE DATE SAMPLE TIME NO. OF CONTAINER(S) TYPE OF CONTAINER SAMPLE ANALYSIS MAR 17 2015 1215 SHOPERTY NO. S490**PRESERVATION** PROJECT DESIGNATION HOLDING TIME FIELD LOGBOOK NO. VOLUME COMPANY CONTACT SUMNER, LC Goods Regulations but are not releasable per DOE Order 458.1. POSSIBLE SAMPLE HAZARDS/ REMARKS SPECIAL HANDLING AND/OR STORAGE concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous CH2MHill Plateau Remediation Company MATRIX* *Contains Radioactive Material at 100-KR-4 INF VAL T-K3 (KP-16) -001 FTB WATER S.W. King CHPRC SHIPPED TO ALS Environmental Ft. Collins SAMPLING LOCATION SAMPLE NO. (A) (A) (A) ICE CHEST NO. MATRIX*
A=Air
Del-Brum
Liquids
Solids
DS-Drum
Solids
DS-Drum
Solids
DS-Soli
SE-Soli
SE-Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other COLLECTOR B30C72

RELINGUREHED BY/REMOVED FROM MAR 177015 1415 CHPRC CHPRC RELINGUESHED BY/REMOVED FROM MAR 1 R. 2015	RECEIVED BY /STORED IN		TO 1 15 010		
REMOVED FROM	SS11-1	MAR 1 7 2015 14/15	I KVL-13-010		
	CHRIS FULTON	DATE/TIME MAR 1 R 7015 CB15			
1	RECEIVED BY STORED IN	DATE/TIME			
RELINCUISHED BY REMOVED FROM DATE/TIME CC () (X	RECEIVED BY/STORED IN	ML Q DATE/TIME 15 09 07	0ء ہی		
RELINQUISHED BY/REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME			
REDINQUISHED BY/REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	IRVL-15-018		
O SECTINGUISHED BY/REMOVED FROM DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME			
LABORATORY RECEIVED BY C JULYAL	L CTrimbi	_~	1975	3-19-15	0880
FINAL SAMPLE DISPOSAL METHOD DISPOSITION			DISPOSED BY	DATE/TIME	

May 11, 2015 Rev. DATA TURNAROUND ORIGINAL 30 Days / 30 Days PAGE 1 OF 3-19-15 43154699512 METHOD OF SHIPMENT FEDERAL EXPRESS AIR QUALITY F11-002-097 PRICE CODE BILL OF LADING/AIR BILL NO 1503381 PROJECT COORDINATOR TRV 15-SPECIAL INSTRUCTIONS TRVL-15-018 SUMNER, LC F11-002 SAF NO. 000 302891 COA CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST Scal MAR 17 2005 /4/5
MAR 1 9 2005 ONTENTINE
DATE/TIME ACTUAL SAMPLE DEPTH DATE/TIME 3-23-15 DATE/TIME DATE/TIME DATE/TIME TELEPHONE NO. 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water 376-3922 6020_METALS_ ICPMS: COMMON {Chromium}; HNO3 to pH 6 Months 500mL 40F-W 506-69 d/b SAMPLE DATE SAMPLE TIME MAR 17 2015, 12-42 SSU-1 RECEIVED BY/STORER IN CHRIS FULTON NO. OF CONTAINER(S) RECEIVED BY/STORED IN RECEIVED BY/STORED IN RECEIVED BY/STORED IN TYPE OF CONTAINER SAMPLE ANALYSIS RECEIVED BY/STORED IN RECEIVED BY/STORED IN SIGN/ PRINT NAMES OFFSITE PROPERTY NO. PROJECT DESIGNATION **PRESERVATION** HOLDING TIME FIELD LOGBOOK NO. VOLUME COMPANY CONTACT 5490 SUMNER, LC MAR 17 2015 1415 DATE/TIME DATE/TIME DATE/TIME POSSIBLE SAMPLE HAZARDS/ REMARKS Goods Regulations but are not releasable per SPECIAL HANDLING AND/OR STORAGE concentrations that are not be regulated for CH2MHill Plateau Remediation Company MATRIX* *Contains Radioactive Material at WATER RELANDED BY REMOVED FROM L 100-KR-4 INF VAL T-K3 (KP-16) -001 RELINQUISHED BY/REMOVED FROM RELINQUISHED BY/REMOVED FROM RECEIVED BY RELINQUISHED BY/REMOVED FROM S.W. King CHPRC S.W. King J617-201 ALS Environmental Ft. Collins DOE Order 458.1 CHAIN OF POSSESSION SAMPLING LOCATION SAMPLE NO. LABORATORY SECTION CE CHEST NO. SHIPPED TO A=Air
DD:=Drum
Liquids
DG:=Drum
Solids
DS:=Drum
Solids
C=Coli
S=Soli
S=Soli
T=Tissue
V=Vegetation
WI=Wipe
X=Other COLLECTOR B30C70 **4ATRIX***

PRINTED ON 3/17/2015

FINAL SAMPLE DISPOSITION

DISPOSAL METHOD

A-6003-618 (REV 2)

DISPOSED BY

ALS

ALS Environmental - Fort Collins CONDITION OF SAMPLE UPON RECEIPT FORM

Client: CHPRC Workorder No: 150:	338	1	
Project Manager: TE Initials: COT	Date:	3-19-	15
Does this project require any special handling in addition to standard ALS procedures?		YES	(NO)
2. Are custody seals on shipping containers intact?	NONE	(YES)	NO
3. Are Custody seals on sample containers intact?	NONE	YES	NO
4. Is there a COC (Chain-of-Custody) present or other representative documents?	1	(YES)	NO
The state of the s		(YES)	NO
5. Are the COC and bottle labels complete and legible?			
6. Is the COC in agreement with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)		(YES)	NO
7. Were airbills / shipping documents present and/or removable?	DROP OFF	YES	NO
8. Are all aqueous samples requiring preservation preserved correctly? (excluding volatiles)	N/A	(YES)	NO
9. Are all aqueous non-preserved samples pH 4-9?	N/A	YES	NO
10. Is there sufficient sample for the requested analyses?		YES	NO
Were all samples placed in the proper containers for the requested analyses?		YES	NO
12. Are all samples within holding times for the requested analyses?		YES	NO
13. Were all sample containers received intact? (not broken or leaking, etc.)		YES	NO
14. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, Rx CN/S, radon) headspace free? Size of bubble: < green pea > green pea	N/A)	YES	NO
15. Do any water samples contain sediment? Amount of sediment: dusting moderateheavy	N/A	YES	NO
16. Were the samples shipped on ice?	_l	YES	(NO)
17. Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #2 #4	RAD ONLY	YES	NO
Cooler #:	1 01101	1	
Temperature (°C):	<u></u>		
No. of custody seals on cooler:			
Acceptance External µR/hr reading:			
Background μR/hr reading:	na Farm 008	`	
Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? YES/NO/NA (If no, see			
Additional Information: PROVIDE DETAILS BELOW FOR A NO RESPONSE TO ANY QUESTION ABOVE, E	ACLI I #1 I	110	
	D-1-/T		
If applicable, was the client contacted? YES / NO / NA) Contact:	Date/T	nne	
Project Manager Signature / Date:			
*IR Gun #2: Oakton, SN 29922500201-0066 *IR Gun #4: Oakton, SN 2372220101-0002		8 of 1	16 \
Form 201r24.xls (06/04/2012) *IR Gun #4: Oakton, SN 2372220101-0002		&agt i	₩ <u> </u>



From: (509) 373-3547 chris fulton CH2M 6267 lateh st

Origin ID: PSCA

Fed∄x.

Ship Date: 18MAR: ActNgt: 21.0 LB CAD: 107066051/INET3610

1503381

richland, WA 99354

SHEP TO: (978) 498-1511 Julie Ellingson

BILL THIRD PARTY

J151215022303tA

Delivery Address Bar Code

Ref# Invoice# PO# Dept#

225 Commerce Drive

FORT COLLINS, CO 80524

TRK# 7731 5469 9514

THU - 19 MAR 10:30A PRIORITY OVERNIGHT

> DSR 80524 CO-U8 DEN

XH FTCA



After printing this label:

1. Use the "Print" button on this page to print your label to your laser or inkjet printer.

2. Fold the printed page along the horizontal line.

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning. Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely package, loss of sales, income interest, profit, attorney's claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's claim. Limitations found in the current FedEx Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



Metals Case Narrative

CH2M HILL Plateau Remediation Company

100-KR-4 Pump and Treat Influent & Effluent Tanks - Water -- F11-002

Work Order Number: 1503381

- 1. This report consists of 3 water samples.
- 2. The samples were received intact at ambient temperature by ALS on 03/19/15.
- 3. The samples had a pH less than 2 upon receipt.
- 4. The samples were prepared and analyzed based on SW-846, 3rd Edition procedures.

For analysis by ICP-MS, the samples were digested following method 3005A and the current revision of SOP 806.

- 5. Analysis by ICP-MS followed method 6020A and the current revision of SOP 827.
- 6. All standards and solutions are NIST traceable and were used within their recommended shelf life.
- 7. The samples were prepared and analyzed within the established hold time.

All in house quality control procedures were followed, as described below.

- 8. General quality control procedures.
 - A preparation (method) blank and laboratory control sample were digested and analyzed with the samples in this digestion batch.
 - The preparation (method) blank associated with this digestion batch was below the reporting limit for the requested analyte. Sample results have been compared to the blank results.
 - All laboratory control sample criteria were met.



- All initial and continuing calibration blanks were below the reporting limit for the requested analyte.
- All initial and continuing calibration verifications were within the acceptance criteria for the requested analyte.
- The interference check samples associated with Method 6020A were analyzed.
- 9. Matrix specific quality control procedures.

Sample 1503381-1 was designated as the quality control sample for this analysis.

Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

- A matrix spike and matrix spike duplicate were digested and analyzed with this batch. All acceptance criteria for accuracy were met.
- A sample duplicate and matrix spike duplicate were digested and analyzed with this batch. All acceptance criteria for precision were met.
- A serial dilution was analyzed with this ICP batch. All acceptance criteria were met.
- 10. It is a standard practice that samples for ICP-MS are analyzed at a dilution. The 10X factor can be considered an artifact of the prep and does not indicate a secondary dilution and is therefore not flagged as a dilution.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Jili Latelle
Inorganics Primary Data Reviewer

3/30/15 Date

inorganics Final Data Reviewer

Date

3/30/15



Inorganic Data Reporting Qualifiers

The following qualifiers are used as needed by the laboratory when reporting results of inorganic analyses.

- Result qualifier -- A "B" is entered if the reported value was obtained from a reading that was
 less than the Reporting Limit but greater than or equal to the Method Detection Limit (MDL).
 If the analyte was analyzed for but not detected a "U" is entered. For samples, negative
 values are reported as non-detects ("U" flagged). For blanks, if the absolute value of the
 negative value is above the MDL and below the reporting limit, then the result is "B" flagged.
- QC qualifier -- Specified entries and their meanings are as follows:
 - E The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.
 - M Duplicate injection precision was not met.
 - N Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.
 - Z Spiked recovery not within control limits. An explanatory note may be included in the narrative.
 - * Duplicate analysis (relative percent difference) not within control limits.
 - S SAR value is estimated as one or more analytes used in the calculation were not detected above the detection limit.
 - C The analyte was detected in both the sample and the associated QC blank, and the sample concentration was <=5X the blank concentration.
 - Analyte was reported at a secondary dilution factor, typically DF>1 (i.e., the primary preparation required dilution to either bring the analyte within the calibration range or to minimize interference). Required for organics/wetchem if the sample was diluted.

Total Recoverable CHROMIUM

Method SW6020A

Sample Results

Lab Name: ALS Environmental -- FC

Client Name: CH2M HILL Plateau Remediation Company

Client Project ID: 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water F11-002

Work Order Number: 1503381 Final Volume: 50 ml
Reporting Basis: As Received Matrix: WATER
Analyst: Brent A. Stanfield Result Units: UG/L

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Flag	Sample Aliquot
B30C74	1503381-1	3/17/2015	3/25/2015	03/26/2015	N/A	10	0.91	10	0.74	В	50 ml
B30C72	1503381-2	3/17/2015	3/25/2015	03/26/2015	N/A	10	0.74	10	0.74	U	50 ml
B30C70	1503381-3	3/17/2015	3/25/2015	03/26/2015	N/A	10	5.7	10	0.74	В	50 ml

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: IM1503381-1

Date Printed: Tuesday, March 31, 2015 ALS En

ALS Environmental -- FC
LIMS Version: 6.754

Page 1 of 1

ICPMS Metals

Method SW6020A **Method Blank**

Lab Name: ALS Environmental -- FC

Work Order Number: 1503381

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water F11

Lab ID: IP150325-4MB

Sample Matrix: WATER Prep Batch: IP150325-4 % Moisture: N/A QCBatchID: IP150325-4-1 Date Collected: N/A Run ID: im150326-10a2

Date Extracted: 25-Mar-15 Cleanup: NONE Date Analyzed: 26-Mar-15 Basis: N/A

File Name: 080SMPL_

CASNO	Target Analyte	DF	Result	RptLimit/ LOQ/LOD	MDL/DL	Result Qualifier	EPA Qualifier
7440-47-3	CHROMIUM	10	0.74	10	0.74	U	

Data Package ID: IM1503381-1

Date Printed: Tuesday, March 31, 2015

ALS Environmental -- FC

Sample Aliquot:

Final Volume:

Result Units: UG/L

Clean DF:

50 ml

50 ml

ICPMS Metals

Method SW6020A Laboratory Control Sample

Lab Name: ALS Environmental -- FC

Work Order Number: 1503381

Client Name: CH2M HILL Plateau Remediation Company

ClientProject ID: 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water F11

Lab ID: IP150325-4LCS

 Sample Matrix: WATER
 Prep Batch: IP150325-4
 Sample Aliquot:
 50 ml

 % Moisture: N/A
 QCBatchID: IP150325-4-1
 Final Volume:
 50 ml

 Date Collected: N/A
 Run ID: im150326-10a2
 Result Units: UG/L

 Date Extracted: 03/25/2015
 Cleanup: NONE
 Clean DF:
 1

Date Analyzed: 03/26/2015 Basis: N/A
Prep Method: SW3005A File Name: 081SMPL_

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7440-47-3	CHROMIUM	500	484	10		97	80 - 120%

Data Package ID: IM1503381-1

Date Printed: Tuesday, March 31, 2015 ALS Environmental -- FC Page 1 of 1

LIMS Version: 6.754

ICPMS Metals

Method SW6020A Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS Environmental -- FC

Work Order Number: 1503381

Client Name: CH2M HILL Plateau Remediation Company
ClientProject ID: 100-KR-4 Pump and Treat Influent & Effluent Tanks - Water

Field ID: B30C74

LabID: 1503381-1MS

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 17-Mar-15
Date Extracted: 25-Mar-15

Date Analyzed: 26-Mar-15
Prep Method: SW3005 Rev A

Prep Batch: IP150325-4 QCBatchID: IP150325-4-1 Run ID: im150326-10a2

Cleanup: NONE Basis: As Received Sample Aliquot: 50 ml Final Volume: 50 ml Result Units: UG/L

File Name: 085SMPL_

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7440-47-3	CHROMIUM	0.91	В	476		10	500	95	75 - 125%

Field ID: B30C74
LabID: 1503381-1MSD

Sample Matrix: WATER % Moisture: N/A Date Collected: 17-Mar-15 Date Extracted: 25-Mar-15 Date Analyzed: 26-Mar-15 Prep Method: SW 3005 Rev A Prep Batch: IP150325-4 QCBatchID: IP150325-4-1 Run ID: im150326-10a2 Cleanup: NONE Basis: As Received Sample Aliquot: 50 ml Final Volume: 50 ml Result Units: UG/L File Name: 086SMPL_

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
7440-47-3	CHROMIUM	475		500	95	10	20	0

Data Package ID: IM1503381-1

Date Printed: Tuesday, March 31, 2015